

ABSTRACT OF THE DISCLOSURE

[0040] A method for reducing the size in designing a servo system simulation program configured in a programmable calculator. The method has the following steps: determining a servo type is a generalized type, and assigning servo parameters; then determining an input function as a combination function, and using a plot to display the input function; the servo type sequentially generates an output function and a state variable according to the servo parameters and the input function, and uses a plot to display the output function. Thus, the memory usage of the programmable calculator is reduced, and the programmable calculator can be applied to the simulation of the servo system.

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